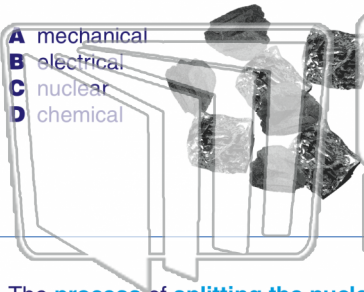




Name _____ Class _____ Date _____

1 In a coal-fired electrical power plant, the **original** form of energy is _____.

- A mechanical
- B electrical
- C nuclear
- D chemical



2 Which statement about the **burning of fossil fuels** is correct?

- A it causes less air pollution than the use of nuclear power
- B it causes more air pollution than the use of nuclear power
- C it uses up all the dinosaur fossils that we have
- D it is used to create energy out of rocks



3 The **process of splitting the nuclei** of radioactive elements to release energy is called _____.

4 Nuclear **fusion** produces energy through the process of _____.

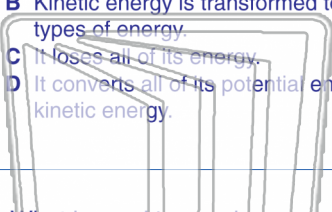


PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7

A Its kinetic energy remains the same throughout the path.
B Kinetic energy is transformed to other types of energy.
C It loses all of its energy.
D It converts all of its potential energy to kinetic energy.

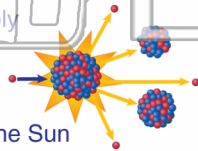


$$? = \frac{1}{2} \times \text{mass} \times \text{velocity}^2$$

- A work
- B power
- C potential energy
- D kinetic energy

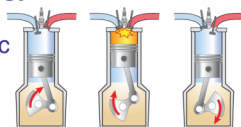
9 What is used to supply power at a **nuclear power plant**?

- A nuclear fusion in the Sun
- B infrared radiation
- C heat from the nuclear fission of uranium
- D electromagnetic radio waves



10 A **steam turbine, combustion engine**, and an **air conditioner** are all technologies that apply the use of _____ energy.

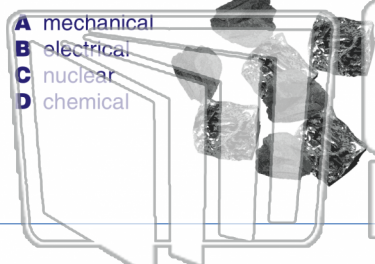
- A electromagnetic
- B thermal
- C solar
- D nuclear





Name _____ Class _____ Date _____

1 In a coal-fired electrical power plant, the **original** form of energy is _____.



2 Which statement about the **burning of fossil fuels** is correct?



- A it causes less air pollution than the use of nuclear power
- B it causes more air pollution than the use of nuclear power
- C it uses up all the dinosaur fossils that we have
- D it is used to create energy out of rocks

3 The **process of splitting the nuclei** of radioactive elements to release energy is called _____.

4 Nuclear **fusion** produces energy through the process of _____.

PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

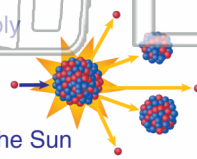
7

- A Its kinetic energy remains the same throughout the path.
- B Kinetic energy is transformed to other types of energy.
- C It loses all of its energy.
- D It converts all of its potential energy to kinetic energy.

$$? = \frac{1}{2} \times \text{mass} \times \text{velocity}^2$$

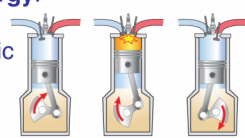
- A work
- B power
- C potential energy
- D kinetic energy

9 What is used to supply power at a **nuclear power plant**?



- A nuclear fusion in the Sun
- B infrared radiation
- C heat from the nuclear fission of uranium
- D electromagnetic radio waves

10 A **steam turbine, combustion engine**, and an **air conditioner** are all technologies that apply the use of _____ energy.



- A electromagnetic
- B thermal
- C solar
- D nuclear